

<b>X10A SAFETY CHECKLIST</b>			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
<b>Rev: D</b>	<b>Effective: 5/24/2010</b>	<b>Page 1 of 1</b>	Number: LS-SCL-0021
Prepared by: Philip Marino		Reviewed by: P. Marino	<b>Approved by: B. Chmiel</b>

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**X10A CAN ONLY OPERATE IN THE FOCUSED MONOCHROMATIC BEAM CONFIGURATION**

- ☐ 1. Valid Padlock Index and log, no padlocks open
- ☐ 2. Bremsstrahlung shield (BS #1) in place and banded as per photo
- ☐ 3. Exclusion Zone (EZ #1) wire mesh in place.
- ☐ 4. Exclusion Zone (EZ #2) wire mesh in place
- ☐ 5. Bremsstrahlung shield (BS #2) in place and banded as per photo
- ☐ 6. Exclusion Zone (EZ #3) wire mesh in place.
- ☐ 7. Bremsstrahlung shield (BS #3) in place and banded as per photo
- ☐ 8. Exclusion Zone (EZ #4) wire mesh in place.
- ☐ 9. Slit view port covered with lead
- ☐ 10. Mirror shields (3) in place, scatter shielding as per photo
- ☐ 11. Exclusion Zone (EZ #5) wire mesh in place
- ☐ 12. Bremsstrahlung shield (BS #4) in place and banded as per photo
- ☐ 13. Exclusion Zone (EZ #6) wire mesh in place
- ☐ 14. Exclusion Zone (EZ #7) wire mesh in place
- ☐ 15. Bremsstrahlung shield (BS #5) in place and banded as per photo
- ☐ 16. Exclusion Zone (EZ #8) wire mesh in place
- ☐ 17. Exclusion Zone (EZ #9) wire mesh in place
- ☐ 18. Monochromator leaded glass windows (3) shielded as per photo
- ☐ 19. Exclusion Zone (EZ #10) wire mesh in place
- ☐ 20. Bremsstrahlung shield (BS #6) in place and banded as per photo

OPCO / Beamline Staff: \_\_\_\_\_ Date: \_\_\_\_\_

**USER SYSTEM CHECKS**

- ☐ A. Beamline Isolation Valve Open
- ☐ B. Mirror Isolation valve open
- ☐ C. Monochromator isolation valve open

Beamline Rep.: \_\_\_\_\_ Date: \_\_\_\_\_